

**CEM Code 3E700**  
**AFSC 3E791, Superintendent**  
**AFSC 3E771, Craftsman**  
**AFSC 3E751, Journeyman**  
**AFSC 3E731, Apprentice**  
**AFSC 3E711, Helper**

**FIRE PROTECTION**  
**(Changed 30 Apr 99)**

**1. Specialty Summary.** Protects people, property, and the environment from fires and disasters. Provides fire prevention, fire fighting, rescue, and hazardous material responses. Related DoD Occupational Subgroup: 495.

**2. Duties and Responsibilities:**

2.1. Plans, organizes, and directs all fire protection activities. Analyzes fire protection operations, determines trends and problems, and formulates corrective measures. Provides fire protection guidance. Coordinates fire protection support agreements and pre-incident plans. Executes and enforces the Fire Department Occupational Safety and Health Program. Conducts and evaluates training on specialized fire protection equipment and procedures. Performs inspections and organizational maintenance on fire protection vehicles, equipment, and protective clothing. Manages and operates fire alarm communications centers. Supports the electrical power production function with resetting aircraft arresting systems.

2.2. Provides fire prevention guidance. Performs project reviews to ensure fire safety feature adequacy. Inspects facilities, and identifies fire hazards and deficiencies. Determines fire extinguisher distribution requirements and performs inspections and maintenance. Establishes public relations and conducts fire prevention awareness and educational training.

2.3. Controls and extinguishes aircraft, structure, wildland, and miscellaneous fires. Establishes an emergency operations incident command system. Drives and operates fire apparatuses, specialized tools, and equipment. Conducts hose evolutions and pump operations, and protects exposures. Preserves and protects emergency scene evidence. Investigates fires to determine origin and cause.

2.4. Effects entry into aircraft, structures, and other enclosures. Shuts down engines, safeties ejection systems, and isolates utilities. Conducts search and rescue operations. Administers emergency first aid.

2.5. Protects people and the environment from hazardous material releases.

**3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory: fire department mission and organization; safety requirements and objectives; fire alarm and communications; fire behavior; portable fire extinguishers; personal protective clothing and equipment; forcible entry, ventilation, ropes, ladders, fire hose appliances, and streams; foam fire streams; fire control, salvage, overhaul, emergency medical care, and cardiopulmonary resuscitation (CPR); rescue; water supplies and sprinklers; hazardous materials; fire prevention and public fire education; and fire cause determination.

3.2. Education. For entry into this specialty, completion of high school with courses in chemistry, general science, and mathematics is desirable.

3.3. Training. For award of AFSC 3E731, completion of a basic fire protection specialist course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 3E751. Qualification in and possession of AFSC 3E731. Also, experience operating fire fighting tools and equipment, extinguishing fires, rescuing personnel, and performing emergency medical care and CPR.

3.4.2. 3E771. Qualification in and possession of AFSC 3E751. Also, experience performing or supervising fire protection functions.

3.4.3. 3E791. Qualification in and possession of AFSC 3E771. Also, experience managing fire protection functions.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty, normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

3.5.2. For entry, award, and retention of these AFSCs:

3.5.2.1. No record of pyrophobia, acrophobia, or claustrophobia.

3.5.2.2. Ability to speak distinctly.

3.5.2.3. Qualification to operate government vehicles according to AFMAN 24-309, *Vehicle Operations*.

H3.5.2.4. For entry, award, and retention of AFSCs 3E711/31/51/71, must meet visual acuity standards according to AFI

48-123, *Medical Examination and Standards* and National Fire Protection Association (NFPA) Standard 1582, *Medical Requirements for Firefighters*.

3.5.2.5. For award and retention of AFSCs 3E731/51/71/91/00, eligibility for a Secret security clearance according to AFI

31-501, *Personnel Security Management Program*.